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Nota di contenuto	Themes: Advanced Structural Materials -- Computational Fracture Mechanics -- Experimental Fracture Mechanics -- Creep, Fatigue and Creep-Fatigue Interaction -- Damage Mechanics -- Design and Stress Analysis -- Failure Analysis -- Environmental Effects on Fracture -- In-service inspection, reliability analysis and life extension -- Structural Health and Condition Monitoring.
Sommario/riassunto	This volume contains selected papers from the Second Quadrennial International Conference on Structural Integrity (ICONS-2018). The papers cover important topics related to structural integrity of critical installations, such as power plants, aircrafts, spacecrafts, defense and civilian components. The focus is on assuring safety of operations with high levels of reliability and structural integrity. This volume will be of

interest to plant operators working with safety critical equipment, engineering solution providers, software professionals working on engineering analysis, as well as academics working in the area. .
